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Oxfordshire County Council

ANNUAL REPORT

ON

County Health Services

PART II

Report of the

County Medical Officer

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M.A., B.Sc. (Oxon), M.B., B.S. (Lond.), D.P.H.

1940

STATISTICS AND SOCIAL CONDITIONS OF AREA.

(a) GENERAL STATISTICS.

Area (acres), 470,808.

Population (Census 1931), 129,082.

Population (Estimated mid-1940), 157,850.

Number of inhabited houses (1931), 50,638.

Number of families or separate occupiers (1931), 52,838.

Rateable value for whole County, £718,497.

Estimated product of penny rate for whole County (1941-1942)
£3010.

(b) SOCIAL CONDITIONS.

The County is mainly agricultural, but a considerable number of persons employed at works situated within the City of Oxford reside in villages around the City, within a radius of approximately ten miles. There are furniture, cabinet and box factories at Banbury and iron and aluminium works in the neighbourhood of this town.

Gloving is carried on in Woodstock, Charlbury and Witney districts, whilst blanket making is an important industry at Witney. There are cement works at Shipton-on-Cherwell and Chinnor.

(c) EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

<i>Live Births</i>	<i>Total</i>	<i>M.</i>	<i>F.</i>
Legitimate	2077	1069	1008
Illegitimate	98	54	44
	—	—	—
	2175	1123	1052
	—	—	—

Rate per 1000 of the estimated resident population 13.8 (15.3).

Stillbirths. Rate per 1000 total (live and still) births 34.2 (39.5).

M. 38 F. 39 T. 77

Deaths. Rate per 1000 of the estimated resident population, 12.6 (12.0).

	<i>Deaths</i>	<i>Rate per 1000 total (live and still) births</i>
Puerperal sepsis	— (1)	—
Other puerperal causes	1 (—)	.44
	—	—
Total	1	.44

The maternal death rate per 1000 of total live births is .45 (.96).

Death rate of infants under one year of age—

All infants per 1000 live births	...	...	...	51.3	(38)
Legitimate infants per 1000 legitimate live births				51.3	(36)
Illegitimate infants per 1000 illegitimate live births				50.5	(44)
Deaths from measles (all ages)	...	...	...	4	
Deaths from whooping cough (all ages)	...	...	...	1	
Deaths from diarrhoea (under 2 years)	...	...	...	8	

There were 51 deaths due to Influenza ; 4 to Diphtheria ; none to Encephalitis Lethargica.

(Figures in brackets are those for year 1939.)

Birth Rate. This rate is a decrease as compared with the previous year, the figures being 13.8 and 15.2 respectively. The corresponding figure for England and Wales for 1940 is 14.6.

The illegitimate births number 4.5 per cent of the total births for the year.

Death Rate. This rate is slightly higher compared with 1939, the figures being 12.6 and 12.1 respectively. The corresponding figure for England and Wales for 1940 is 14.3.

Infant Mortality Rate. The rate (51) is much higher than in 1939 when it was 36. It is to be noted however that whereas in 1939 deaths from bronchitis and pneumonia, and congenital defects and prematurity represented a rate of 6 and 24 per 1000 live births, the figures for 1940 were 9 and 35.

General. There was a further decrease in the number of women dying from conditions directly associated with Childbirth (including sepsis), the numbers for 1937, 1938, 1939 and 1940 being 5, 3, 2 and 1. The maternal mortality rate therefore for 1940 was .44 as compared with 2.16 for England and Wales.

Cancer. The total number of deaths from cancer recorded during the year was 270, which number is 13.5 per cent of the total number of deaths from all causes. The rate for 1940 was 1.71 as compared with 1.75 for 1939.

DEATHS FROM CANCER.

Urban Districts.

	...	...	0	1	5	15	45	65
Males	...	...	—	—	—	1	21	30
Females	...	...	—	—	—	5	12	20

Rural Districts.

	...		0	1	5	15	45	65
Males	...	...	—	—	—	3	28	75
Females	...	...	—	—	—	5	32	37

Facilities for treatment by radium are available at the Radcliffe Infirmary, Oxford.

TABLE SHOWING THE CHIEF KILLING DISEASES IN OXFORDSHIRE DURING 1940.

<i>Disease</i>	<i>Total number of deaths</i>		
Heart Disease	...	...	492
Cancer	...	...	270
Cerebral haemorrhage	...	...	234
Bronchitis	...	...	140
Pneumonia (all forms)	...	...	107
Tuberculosis (all forms)	...	...	55

Vital Statistics of whole County during 1940 and previous years.

YEAR	Population estimated to middle of each year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.		
		Number.	Rate per 1000 of population.	Under 1 year of Age.		At all Ages.
				Number.	Rate per 1,000 Nett Births.	
1	2	3	4	5	6	7
1927	136,310 136,100*	2,079	15.2	103	49	1,760
1928	137,800 137,000*	2,265	16.4	86	37.9	1,634
1929	125,680 125,020*	2,037	15.7	105	51	1,831
1930	127,200 126,610*	1,979	15.5	76	38	1,563
1931	128,490 127,950*	1,918	15.8	59	30.7	1,586
1932	130,580	1,850	14.1	75	40.5	1,624
1933	130,950	1,855	14.1	76	40.9	1,648
1934	131,300	1,880	14.3	72	38.2	1,638
1935	131,400	1,938	14.6	75	38.1	1,583
1936	132,550	1,920	14.4	83	43.2	1,627
1937	133,660	2,051	15.3	87	42.4	1,725
1938	135,200	2,167	16.0	75	34.6	1,635
1939	B.R. 142,530 D.R. 137,660	2,116	15.2	78	36.4	1,727
1940	157,880	2,175	13.8	117	51.3	1,987
						12.6

* This is an estimate of the civil population and the death rate is calculated upon it. The birth rate is calculated on the higher estimate.
 † A corrected rate having been adjusted for age and sex distribution.

Table showing vital statistics for 1940 of each
Urban District in the County

	Nett Deaths belonging to the District		
	Under 1 Year of age		At all Ages
	Rate per 1000 Nett Births		Rates
Banbury	...	66	12.2 12.5
Bicester	...	42	14.5 13.0
Chipping Norton	...	100	14.3 11.3
Henley	...	49	15.2 12.6
Thame	...	74	15.2 12.9
Witney	...	37	12.5 12.1
Woodstock	...	53	10.2 7.7

The death rates "at all ages" are given under two headings "crude" and "corrected." The variations in the crude rates are due not to mortality alone but to differences in population constitution. The corrected rates give the death rates adjusted for age and sex distribution; and are obtained by multiplying the crude rate by a comparability factor supplied by the Registrar General.

Table showing vital statistics for 1940 of each
Rural District in the County

	Nett Deaths belonging to the District		
	Under 1 year of age		At all Ages
	Rate per 1000 Nett Births		Rates
Banbury	...	42	15.6 13.1
Bullingdon	...	36	10.6 10.0
Chipping Norton	...	55	12.9 11.2
Henley	...	41	10.1 9.2
Ploughley	...	35	12.1 11.0
Witney	...	82	14.0 12.7

The death rates "at all ages" are given under two headings "crude" and "correct." The variations in the crude rates are due not to mortality alone but to differences in population constitution. The corrected rates give the death rates adjusted for age and sex distribution; and are obtained by multiplying the crude rate by a comparability factor supplied by the Registrar General.

CAUSE OF DEATH	URBAN DISTRICTS										RURAL DISTRICTS																	
	Under 1		1-4		5-14		15-44		45-64		65—		Total		Under 1		1-4		5-14		15-44		45-64		65—		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Typhoid and paratyphoid fevers	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Cerebro-Spinal fever ...	—	—	1	1	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
Scarlet fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Tuberculosis of Resp. System ...	—	—	—	—	—	—	5	7	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Other forms of Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Syphilitic Diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Ac: polio-myel: & poli-enceph: ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ac - infeenceph: ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer of b: cav: & œsoph: (M), Uterus (F) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer of stomach & duodenum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer of breast ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer of all other sites ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intra-cran: vasc: lesions ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heart disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of circ - system ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ...	6	2	2	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Resp: diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ulcer of stomach or duodenum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoea under 2 years ...	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendicitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Digestive Diseases ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal & post-abortion: sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other maternal causes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Premature birth ...	6	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Con: mal: birth inj: infant: dis:	11	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Road Traffic accidents ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other violent causes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All other causes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All causes ...	25	16	7	8	7	5	22	33	84	58	176	191	632	43	33	16	12	13	6	57	53	137	133	425	427	1355	1987	



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INFECTIOUS DISEASES.

Smallpox.

No case of the disease occurred during the year.

Scarlet fever.

The number of cases notified was 285 as compared with 163 in the previous year.

Diphtheria.

54 cases were notified as compared with 78 in 1939. There were four deaths from diphtheria.

Enteric fever.

There was no case of this disease notified during the year.

Pneumonia (all forms).

116 cases of pneumonia were notified during the year.

Erysipelas.

34 cases were notified.

Measles.

2181 cases were notified. Four deaths were registered during the year. This disease was prevalent throughout the County during the latter part of the year.

Whooping cough.

67 cases were notified. There was one death.

Ophthalmia Neonatorum.

3 cases were notified during 1940.

<i>Cases Notified</i>	<i>Treated at home</i>	<i>Treated in hospital</i>	<i>Vision unimpaired</i>	<i>Vision impaired</i>	<i>Total blindness</i>	<i>Deaths</i>
3	0	3	3	0	0	0

Puerperal pyrexia.

<i>Disease</i>	<i>No. of Cases notified during the year</i>	<i>No. of Cases visited by Officers of Council</i>	<i>No. of Cases removed to Hospital</i>
Puerperal Pyrexia	15	12	4

There was no death from puerperal sepsis.

During the year the number of schools closed for infectious diseases were :—

Influenza	...	...	...	...	8 schools.
Scarlet Fever	...	...	...	...	3 schools.
Measles	...	...	...	...	5 schools.
Conjunctivitis	...	...	...	...	1 school.
Cerebro-spinal Fever	...	...	...	...	1 school.

MATERNITY AND CHILD WELFARE.

The following is the report for the year of the Inspector of Midwives :

The number of midwives notifying their intention to practise during the year was 124. The number of cases of midwifery attended by midwives in the County was 1893.

The following notifications were received from midwives :—

Still births	...	...	...	...	...	...	33
Deaths	...	...	...	...	...	...	14
Laying-out of the dead	...	...	...	...	...	...	32
Contact with infectious disease	...	...	...	...	...	...	36
Artificial feeding of infants advised	...	...	...	...	...	...	17
							132

Records of sending for medical help (as under) :—

Pregnancy.

Ante-partum haemorrhage	...	...	...	...	...	26
Abortion and threatened abortion	...	...	...	...	...	12
Swelling of legs	...	...	...	...	...	2
Albumen	...	...	...	...	...	18
Miscarriage	...	...	...	...	...	32
Other conditions	...	...	...	...	...	46

Labour.

Mal-presentation	...	...	...	...	...	21
Retained placenta	...	...	...	...	...	12
Ruptured perineum	...	...	...	...	...	219
Delay in labour	...	...	...	...	...	83
Excessive Bleeding	...	...	...	...	...	5
Other conditions	...	...	...	...	...	27

Lying In.

Rise in temperature	...	...	...	...	...	35
Other conditions	...	...	...	...	...	44

Child.

Dangerous Feebleness	...	...	...	...	...	20
Infection of Eyes	...	...	...	...	...	31
Stillbirth	...	...	...	...	...	4
Congenital malformation	...	...	...	...	...	3
Other conditions	...	...	...	...	...	43
						683

15 cases of puerperal pyrexia were notified. 5 midwives were temporarily suspended owing to having been in attendance upon cases of infectious disease.

The Inspector paid 409 visits for routine inspection of midwives to observe their methods of practice and examine appliances and registers. 89 other visits were paid. There is close co-operation in this work with the Superintendent of the Oxfordshire Nursing Federation.

MIDWIFERY.

Fees earned by the County Council Midwife at Henley-on-Thames amounted during the year to £57 15s. 6d. Her services are given without charge to persons unable to afford payment of the fees. Fees amounting to £860 11s. 11d. were paid to medical practitioners called in to assist midwives in emergency. Contributions from patients, amounting to £98 8s. 9d. were collected towards the cost. Hospital provision for maternity is made by the Radcliffe Infirmary at their hospital in Walton Street, Oxford. For the north of the County accommodation is available at the Warwickshire County Council Maternity Hospital at Leamington ; and for the South of the County at the Royal Berkshire Hospital, Reading. Arrangements have also been made with local hospitals to accept cases in emergency.

The Council contributed £750 per annum towards the cost of treatment at the Radcliffe Infirmary Maternity Home.

Home Helps were provided on three occasions.

DOMICILIARY ANTE-NATAL AND POST-NATAL SCHEME.

During the year 662 women were examined under this scheme. Consultants were provided for three difficult cases. Payment for dental extractions was made in one case when, as a result of ante-natal examination, the medical practitioner considered such treatment advisable. 120 post-natal examinations were made.

MATERNAL MORTALITY.

It is gratifying to record that the number of maternal deaths during the year was one only as compared with 2 in the previous year.

The rate per 1000 live births is .46 as compared with .93 for 1939. The corresponding rate for England and Wales for 1940 was 2.16.

All deaths of mothers are carefully inquired into. The services of a consultant in cases of difficult labour are available, and his services were made use of in one case. Sterilized maternity outfits were provided for women where in the opinion of the Health Visitor or midwife in attendance such provision was desirable. The services of the Emergency Obstetrical Unit were used in three cases.

Maternity and Nursing Homes.

The County Council is the Local Supervisory Authority under the Nursing Homes Registration Act 1927. There were 9 homes on the register at the end of the year of which 8 were Maternity Homes.

Year 1939.

Number of applications for registration	...	...	...	1
Number of Homes registered	...	...	...	1
Number of Orders made refusing or cancelling registration				nil
Number of appeals against such orders	...	...	...	nil
Number of applications for exemptions from registration	...			nil
Number of cases in which exemption has been granted	...			nil

No application has been made to the County Council by a County District Council for the delegation of powers.

Chippinghurst Manor Emergency Maternity Home.

This home was adopted from a country house and was taken over by the Ministry of Health as a maternity home, primarily for evacuee expectant mothers from the county of Kent. Before the Home was in complete running order the Council was asked to take over and exercise supervision. The beds number 30 and the staff appointed consists of a Matron and five midwives. Two local practitioners provide medical assistance when required.

The home was opened in May, 1940 and 100 children were born in the home during the remainder of the year.

Maternity and Child Welfare Centres.

There are now 30 centres in the county, one new one being opened during the year at Hook Norton, in March. A complete report of the work done at the centres is appended on page 13 and from this it will be seen that 687 meetings were held during the year and that the following attendances were made—

Infants under 1 year	...	...	9986
Infants 1—5 years	...	...	10659
Total			20645

whilst the number of infants attending for the first time was—

Under 1 year	...	...	1280
1—5 years	...	...	727
			2007

Twenty-four lectures and films were given on Mothercraft and other subjects.

Hospital treatment continues to be provided under the County Infant Welfare Scheme. 10 children were treated at Burford Cottage Hospital at a cost of £20 9s. 6d. 7 children received in-patient treatment at the Wingfield-Morris Hospital at a cost of £182 17s. 0d. 3 children suffering from ophthalmia neonatorum were treated at the Oxford Eye Hospital. 42 children under five years of age were examined by an Ophthalmic Surgeon and glasses were provided in 35 cases.

Infant Welfare Centres.

<i>Name of Centre</i>	<i>No. of Meetings</i>	<i>Attendances</i>		<i>No. of Infants attending for the first time</i>		<i>Doctor present</i>	<i>Lecture given</i>
		<i>Infants under 1 yr.</i>	<i>1-5 yrs.</i>	<i>under 1 yr.</i>	<i>1-5 yrs.</i>		
Adderbury	22	252	385	33	14	20	—
Bampton	23	163	313	31	16	23	1
Benson	22	307	311	27	28	22	—
Bicester	22	341	405	54	16	20	2
Burford	24	242	227	30	9	24	1
Charlbury	24	268	295	54	47	24	—
Chinnor	24	354	341	27	23	24	1
Chipping Norton	23	565	453	79	35	21	—
Deddington	23	213	225	30	10	22	—
Dorchester	23	293	358	34	16	23	—
Eynsham	24	375	555	38	22	24	—
Filkins	23	94	172	19	13	21	2
Goring	22	189	321	25	21	20	—
Great Milton	11	103	138	24	20	11	—
Handborough	23	191	243	28	13	23	2
Henley	24	343	535	55	16	24	3
Hook Norton	20	270	311	45	34	9	—
Kidlington	26	594	481	89	42	25	—
Kidmore End	12	158	106	26	9	12	—
Kirtlington	13	98	178	14	15	12	—
Littlemore	23	410	253	55	10	19	—
Rose Hill	48	607	717	49	47	24	—
Sandhills	47	815	625	81	63	23	—
Shipton-u-Wychwood	23	246	260	11	11	23	—
Stoke Row	12	154	255	28	9	12	—
Thame	24	480	390	58	47	24	—
Watlington	12	142	144	17	13	12	12
Wheatley	23	303	240	39	30	23	—
Witney	24	764	742	97	39	24	—
Woodstock	23	565	680	83	39	23	—
	687	9986	10659	1280	727	611	24

Health Visitors.

There are now seventeen health visitors, including 3 temporary ones. The health visitors are whole-time officers of the County Council and the majority have been in the service of the Council for many years. Their experience is invaluable.

The following visits were paid by Health Visitors in connection with the Maternity and Child Welfare Scheme—

Visits to expectant mothers	...	...	1,231
Visits to children under 1 year	...	...	20,773
Visits to children between 1—5 years	...	...	22,619

Public Health Act, 1936.

Infant Life Protection.

The number of children on the register at the end of the year was 128. 877 visits to children were paid by the Health Visitors.

Adoption of Children Act, 1926.

The Superintendent Health Visitor acted as guardian *ad litem* in 23 cases. Adoption orders were made in all but two cases.

Provision of Milk to Expectant and Nursing Mothers.

The introduction of the National Milk Scheme during the year superseded the Authority's Scheme for the supply of extra milk for Expectant and Nursing Mothers. A supplementary allowance was made in a few cases. The facilities under the new Scheme were made known to the public by the Health Visitors and the change over worked quite smoothly.

VENEREAL DISEASES.

The Counties of Oxfordshire and Berkshire and the City of Oxford continue the Agreement with the Governors of the Radcliffe Infirmary whereby free treatment is given to all applicants at the Infirmary. The total cost to the Infirmary is divided in respect of out-patients' treatment in proportion to the attendances made by patients from the areas of the three authorities and as regards in-patients' treatment in accordance with the number of days on which beds are occupied by such patients.

An agreement has also been entered into with the Royal Berkshire Hospital for the treatment of Oxfordshire patients.

Each authority pays the cost of the pathological examinations of its own patients.

Return relating to all persons who were treated at the Treatment Centre at Oxford during the year ended the 31st December, 1940.

	<i>Totals</i>		
Number of Cases on 1st January under treatment or observation	M.	F.	Totals
	24	23	47
Number of Cases dealt with for the first time during the year under report	44	17	61
Number of Cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	16	32	48
Number of Cases remaining under treatment or observation on 31st December	39	26	65
Total Attendances	765	442	1207
(a) for individual attention of the medical officer(s)	364	442	806
(b) for intermediate treatment, e.g., irrigation, dressing	401		401
	765	442	1207
In-patients :—			
(a) Total number of persons admitted for treatment during the year	7	1	8
(b) Aggregate number of " In-patient " days of treatment given	81	27	108
Pathological Work :—			
Number of specimens examined at, and by the Medical Officer of the Treatment Centre,			
for Syphilis			105
for Gonorrhœa			104

TUBERCULOSIS.

(Report by DR. N. J. ENGLAND.)

Vital Statistics. The incidence of tuberculosis as shown by notifications and deaths is demonstrated in the following table :—

<i>New Cases</i>				<i>Deaths</i>			
<i>Age Groups</i>	<i>Pulmonary</i>	<i>Non-Pulmonary</i>		<i>Age Groups</i>	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	
	M.	F.			M.	F.	
0—	—	—	1	0—	—	1	1
1—	1	1	3	1—	—	—	2
5—	—	2	6	5—	—	—	1
10—	1	2	2	15—	14	18	—
15—	7	1	3	45—	7	2	1
20—	9	6	4	65—	1	2	1
25—	19	6	3	75—	—	—	—
35—	13	5	2				
45—	13	4	1				
55—	4	2	—				
65—	1	3	1				
	—	—	—		—	—	—
	68	32	25		22	23	5
	—	—	—		—	—	—

	<i>No. New T.B. Cases</i>	<i>Total T.B. & Suspected cases, excluding contacts</i>	<i>% increase in Total T.B. & Suspected cases over 1934</i>	<i>Pop.</i>
1934	110	231	—	131,300
1935	97	249	7%	131,400
1936	96	307	31%	132,550
1937	78	294	27%	133,660
1938	88	343	48%	135,200
1939	92	346	48%	142,530
1940	142	376	63%	157,850

During 1940 increasing use has been made of Tuberculosis services in the County as can be seen by the returns. Much additional work was caused by Evacuation and every effort was made to ensure that

- (a) Evacuees were not billeted in tubercular households and that
- (b) Tubercular evacuees were given suitable billets and any treatment they required.

Owing to the haphazard nature of a considerable proportion of the evacuation and the secrecy surrounding this disease information in respect of these factors was largely received by chance or through the Health Visitors.

The following table shows the number of deaths and rates per 100,000 living in the County since 1912 :—

	<i>Pulmonary</i>		<i>All forms</i>	
	<i>Number</i>	<i>Rate per 100,000</i>	<i>Number</i>	<i>Rate per 100,000</i>
1912	103	75	130	94
1913	97	70	126	91
1914	104	75	130	93
1915	113	89	141	117
1916	112	92	150	123
1917	168	144	195	168
1918	142	119	162	135
1919	105	84	137	109
1920	90	69	107	82
1921	99	75	121	92
1922	97	73	113	85
1923	89	66	108	81
1924	86	64	107	79
1925	72	53	96	71
1926	82	61	95	70
1927	99	72	118	86
1928	67	48	85	62
1929	91	70	107	83
1930	73	57	94	74
1931	61	47	74	57
1932	64	49	71	54
1933	63	48	77	58
1934	54	41	66	50
1935	54	41	70	53
1936	56	42	72	54
1937	38	28	51	38
1938	42	31.1	50	37
1939	51	35.7	60	42
1940	45	28	55	35

Ten year period average—

1911-20	114	89	142	111
1921-30	85	64	104	78
1931-40	53	39	65	48

TREATMENT OF TUBERCULOSIS. RETURN FOR THE YEAR 1940.

A. Return showing the work of the Dispensaries

DIAGNOSIS	PULMONARY		NON-PULMONARY		TOTAL		GRAND TOTAL
	Adults. M. F.	Children. M. F.	Adults. M. F.	Children. M. F.	Adults. M. F.	Children. M. F.	
A.—NEW CASES examined during the year (excluding contacts) :—							
(a) Definitely tuberculous	65	34	8	9	73	43	142
(b) Diagnosis not completed	—	—	—	—	19	20	57
(c) Non-tuberculous	—	—	—	—	56	46	177=376
B.—CONTACTS examined during the year :—							
(a) Definitely tuberculous	3	—	—	—	3	—	5
(b) Diagnosis not completed	—	—	—	—	1	2	8
(c) Non-tuberculous	—	—	—	—	32	73	220=233
C.—CASES written off the Dispensary Register as :—							
(a) Recovered	3	6	2	1	5	7	17
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous)	—	—	—	—	107	136	470=487
D.—NUMBER OF CASES on Register on December 31st, 1939 :—							
(a) Definitely tuberculous	166	122	28	36	134	158	442=
(b) Diagnosis not completed	—	—	—	—	—	—	50=493

1.	Number of cases on Dispensary Register on January 1st.	...	...	...	...	...	...	...	...	457
2.	Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years	...	...	...	...	...	...	...	...	66
3.	Number of cases transferred to other areas, cases not desiring further assistance under the scheme and cases "lost sight of"	...	...	...	...	...	...	...	...	107
4.	Cases written off during the year as Dead (all causes)	...	...	...	...	...	...	...	...	45
5.	Number of attendances at dispensaries	...	...	...	...	...	...	...	...	1116
6.	Number of consultations—personal	...	...	...	...	...	...	...	...	41
7.	Number of Visits by Tuberculosis Officer	...	...	...	...	...	...	...	...	413
8.	Number of Visits by Health Visitors	...	...	...	...	...	...	...	...	1451
9.	Number of specimens of sputum examined	...	...	...	...	...	...	...	...	238
10.	Number of X-rays in connection with Dispensary work	...	...	...	...	...	...	...	...	474
11.	Number of "T.B. plus cases" on Dispensary register on December 31st	...	...	...	...	...	...	...	...	165

E=Evacuees

BLIND PERSONS ACTS 1920 to 1938.

160 persons were relieved during the year at a cost of £3958.

Blind Persons in Oxfordshire.

<i>Age-period</i>				<i>Total Blind.</i>
0- 5	...	...	...	0
5-16	...	...	...	3
16-21	...	...	...	3
21-40	...	...	...	15
40-50	...	...	...	16
50-65	...	...	...	41
65-70	...	...	...	28
70 upwards	...	...	...	90
Unknown	...	...	...	2
				—
				198
				—

Age at which Blindness occurred.

<i>Age-period</i>				<i>Number</i>
0- 5	...	...	...	19
5-10	...	...	...	7
10-20	...	...	...	5
20-30	...	...	...	10
30-40	...	...	...	12
40-50	...	...	...	22
50-60	...	...	...	26
60-70	...	...	...	44
70 upwards	...	...	...	40
Unknown	...	...	...	13
				—
				198
				—

VACCINATION.

Work in connection with vaccination is administered through the County Health Department.

Results show that in 1940 only 25.2 per cent of the total number of children whose births were registered during the year were vaccinated.

CIVIL NURSING RESERVE.

Particulars of recruitment and training of Nursing Auxiliaries.

	During 1939 and 1940	During 1940 only
Number of applications received	706	132
Number of applications accepted	704	132
Number whose training was completed at or since enrolment	418*	262

Total number of Registered Personnel at end of each quarter as follows :—

TRAINED NURSES	Full time Mobile	Full time Immobile	Part time
At 31st December, 1939	11	17	32
„ 31st March, 1940	5	12	29
„ 30th June, 1940	6	13	29
„ 30th September, 1940	6	15	29
„ 31st December, 1940	6	15	29
ASSISTANT NURSES			
At 31st December, 1939	8	16	7
„ 31st March, 1940	8	13	5
„ 30th June, 1930	9	11	9
„ 30th September, 1940	8	10	8
„ 31st December, 1940	7	11	9
AUXILIARIES			
At 31st December, 1939	24	53	78
„ 31st March, 1939	27	60	110
„ 30th June, 1940	32	46	144
„ 30th September, 1940	30	68	144
„ 31st December, 1940	27*	79*	225*

(NOTE.—The number of full time Trained and Assistant Nurses show a slight decrease at the end of 1940 as compared with 1939. The number of registered Auxiliaries, both full time and part time show a marked increase).

*Any discrepancy between the total who have completed training and the number of Registered Personnel at 31st December, 1940 is accounted for by the fact that members have transferred to other areas since completing their training or have withdrawn from the Reserve altogether.

MENTAL DEFICIENCY ACTS 1913 to 1938.

Mental Deficiency Acts Committee.

During the year ended 31st December, 1940, 19 (12 male and 7 female) new cases were ascertained.

The 19 new cases were dealt with as follows :—

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Admitted to Certified Institutions	8	1	9
Placed under Guardianship ...	4	3	7
„ „ Statutory Supervision	—	—	—
„ „ Voluntary „	—	3	3
	—	—	—
	12	7	19
	—	—	—

The number of defectives ascertained by the Council to be subject to be dealt with or who might have become subject to be dealt with on 31st December, 1940, was 821.

Institutional Accommodation.

On 31st December 1940, there were 95 persons detained under Order in Institutions, distributed as follows :—

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Borocourt	15	31	46
Billericay	1	—	1
Buntingford	4	—	4
Chipping Norton	15	14	29
Easthampstead	1	—	1
Hortham Colony	2	—	2
Manor House, Aylesbury	1	3	4
Mount Olivet, Frensham	—	—	—
Rock Hall House, Bath	1	1	2
Royal Earlswood	1	—	1
St. Joseph's Home, Sheffield	—	1	1
Stoke Park Colony	2	3	5
Sandlebridge Homes	—	1	1
	—	—	—
	43	54	97
	—	—	—

During the year ended 31st December, 1940.

No. of Orders made under the Mental Deficiency Acts ...	16
Of whom (a) admitted to Institutions	9
(b) placed under guardianship	7
	—
	16
	—
No. of Varying Orders	1
No. of Orders by Secretary of State under Mental Deficiency Acts 1913, Section 9	1
No. of urgent cases admitted temporarily to Places of Safety	1
Notifications by County Education Authority	2
Notifications by Banbury Education Authority	—

